

Amendments to the Claims

Please amend claims 1, 9, 23, 45, 46 and 63-67 as follows. Please cancel claims 47-48, 53-54 and 59-60. This listing of claims is intended to replace all previous listings or versions of claims.

1. (Currently Amended) A digital motion picture recorder, comprising:
  - a housing sized to be portable for use by an individual;
  - a motion picture camera mounted in the housing, and providing a motion video signal as an output;
  - ~~means recording circuitry, mounted in the housing, for converting that converts~~ the motion video signal into a sequence of digital still images;
  - ~~a digital, computer-readable and writable random-access medium mounted in the housing and connected to receive and store sequences the sequence of digital still images from the recording circuitry in data files in a computer-readable file format;~~
  - ~~a motion picture editing system within the housing for enabling configured to enable~~ the individual to specify a sequence of segments of the sequence of digital still images stored on the digital, computer-readable and writable random-access medium, wherein the motion picture editing system enables the individual:
    - a. to select a plurality of data files from among the data files,
    - b. to define a segment from each of the selected data files, wherein each segment is defined by a reference to [[a]] the selected data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image, and
    - c. to order the defined segments into the sequence of segments; and
  - ~~means for reading playback circuitry, mounted in the housing, that plays at least a portion of the specified sequence of segments by reading the sequences of digital still images stored on the digital, computer-readable and writable random-access medium, according to the specified sequence of segments, to generate a motion video signal therefrom, according to the specified sequence of segments.~~

2-8. Cancelled.

9. (Currently Amended) An apparatus for digitally recording motion pictures, comprising:

- a housing sized to be portable for use by an individual;
- a motion picture camera mounted in the housing;
- ~~means recording circuitry~~, mounted in the housing, ~~for providing that provides~~ a sequence of digital still images from the motion picture camera;
- a digital computer-readable and writable random-access medium mounted in the housing and connected to receive and store the sequence of digital still images in a computer-readable file format; and
- a processor mounted in the housing and executing computer program instructions comprising instructions stored in a memory and which instruct the processor to, in response to user input:
  - receive and store ~~sequences~~ the sequence of digital still images from the motion picture camera into the digital computer-readable and writable random-access medium in data files in the computer-readable file format,
  - enable the individual to define a sequence of segments of at least the sequences of digital still images stored on the digital computer-readable and writable random-access medium, wherein the processor enables the individual:
    - a. to select a plurality of data files from among the data files,
    - b. to define a segment from each of the selected data files, wherein each segment is defined by a reference to [[a]] the selected data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image, and
    - c. to order the defined segments into the sequence of segments, and ~~read and output play~~ at least a portion of the defined sequence of segments ~~by reading the sequences~~ of digital still images from the digital computer-readable and writable random-access medium according to the defined sequence of segments.

10-22. Cancelled.

23. (Currently Amended) An apparatus for digitally recording motion pictures, comprising:

- a housing sized to be portable for use by an individual;
- a motion picture camera mounted in the housing;
- ~~means recording circuitry, mounted in the housing, for providing that provides~~ a sequence of digital still images from the motion picture camera;
- a digital computer-readable and writable random-access medium mounted in the housing and connected to receive and store ~~the sequence sequences~~ of digital still images ~~from the motion picture camera in data files in a computer-readable file format; and~~
- an editing system, mounted in the housing, for enabling the individual to define a sequence of segments of at least the sequences of digital still images stored on the digital computer-readable and writable random-access medium, ~~wherein the editing system enables the individual a. to select a plurality of data files from among the data files, b. to define a segment from each of the selected data files, wherein each segment is defined by a reference to [[a]] the selected data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image, and c. to order the defined segments into the sequence of segments, and for reading and outputting playing at least a portion of the defined sequence of segments by reading the sequences of digital still images from the digital computer-readable and writable random-access medium according to the defined sequence of segments.~~

24-44. Cancelled.

45. (Currently Amended) A digital motion picture recorder, comprising:

- a housing sized to be portable for use by an individual;
- a motion picture camera mounted in the housing, and providing a motion video signal as an output;
- ~~means recording circuitry, mounted in the housing, for converting that converts~~ the motion video signal into sequences of digital still images;

a digital, computer-readable and writable random-access medium mounted in the housing and connected to receive and store [[the]] sequences of digital still images in data files in a computer-readable file format;

a motion picture editing system within the housing for enabling configured to enable the individual to specify a sequence of segments of the sequences of digital still images stored on the digital, computer-readable and writable random-access medium, wherein the motion picture editing system enables the individual:

a. to select a plurality of data files from among the data files,

b. to define a segment from each of the selected data files, wherein each segment is defined by a reference to [[a]] the selected data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image, and

c. to order the defined segments into the sequence of segments; and

means for reading playback circuitry, mounted in the housing, that plays at least a portion of the specified sequence of segments by reading the sequences of digital still images stored on the digital, computer-readable and writable random-access medium, according to the specified sequence of segments, to generate a motion video signal therefrom, according to the specified sequence of segments.

46. (Currently Amended) A digital motion picture recorder, comprising:

a housing sized to be portable for use by an individual;

a motion picture camera mounted in the housing, and providing a motion video signal as an output;

means recording circuitry, mounted in the housing, for converting that converts the motion video signal into at least one sequence of digital still images;

a digital, computer-readable and writable random-access medium mounted in the housing and connected to receive and store the at least one sequence of digital still images in a data file in a computer-readable file format;

a motion picture editing system within the housing for enabling configured to enable the individual to specify a sequence of segments of the at least one sequence of

digital still images stored on the digital, computer-readable and writable random-access medium, wherein the motion picture editing system enables the individual:

a. to select at least one data file from among data files stored on the digital, computer-readable and writable random-access medium,

b. to define a plurality of segments from the at least one selected data file,

wherein each segment is defined by a reference to a selected data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image, and

c. to order the defined segments into the sequence of segments; and

means for reading playback circuitry, mounted in the housing, that plays at least a portion of the specified sequence of segments by reading the sequences of digital still images stored on the digital, computer-readable and writable random-access medium, according to the specified sequence of segments, to generate a motion video signal therefrom, according to the specified sequence of segments.

47-48. Cancelled.

49. (Previously presented) The apparatus of claim 9, wherein the computer-readable and writable random-access medium comprises a disk-type drive mounted in a container detachable from the housing.

50. (Previously presented) The apparatus of claim 9, wherein the computer instructions further comprise instructions which instruct the processor to calibrate color in the sequence of digital still images to a standard.

51. (Previously presented) The apparatus of claim 9, further comprising:

an overlay circuit for receiving an indication of data including at least one of a battery level, time codes, time of day and function performed, and generating video data indicative of the data; and

an encoder for receiving the sequence of digital still images and the video data to generate a video signal combining the video data with the sequence of digital still images.

52. (Previously presented) The apparatus of claim 9, wherein the reading and outputting of at least a portion of the sequence of digital still images from the digital computer-readable and writable random-access medium according to the defined sequence of segments further comprises directing the portion of the sequence of digital still images to a full video encoder.

53-54. Cancelled.

55. (Previously presented) The apparatus of claim 23, wherein the computer-readable and writable random-access medium comprises a disk-type drive mounted in a container detachable from the housing.

56. (Previously presented) The apparatus of claim 23, further comprising means for calibrating color in the sequence of digital still images to a standard.

57. (Previously presented) The apparatus of claim 23, further comprising:  
an overlay circuit for receiving an indication of data including at least one of a battery level, time codes, time of day and function performed, and generating video data indicative of the data; and  
an encoder for receiving the sequence of digital still images and the video data to generate a video signal combining the video data with the sequence of digital still images.

58. (Previously presented) The apparatus of claim 23, wherein the reading and outputting of at least a portion of the sequence of digital still images from the digital computer-readable and writable random-access medium according to the defined sequence of segments further comprises directing the portion of the sequence of digital still images to a full video encoder.

59-60. Cancelled.

61. (Previously presented) The digital motion picture recorder of claim 1, wherein the computer-readable and writable random-access medium comprises a disk-type drive mounted in a container detachable from the housing.
62. (Previously presented) The digital motion picture recorder of claim 1, further comprising means for calibrating the motion picture signal to a digital video color standard.
63. (Currently Amended) The digital motion picture recorder as in any of claims 1, 45 [[,]]  
or 46 or 59-62, wherein:  
the means for converting further comprises compression means; and  
the computer-readable file format is a compressed file format.
64. (Currently Amended) The apparatus as in any of claims 9, 23, or 55-58 [[53-60]], wherein:  
the means for providing further comprises compression means; and  
the computer-readable file format is a compressed file format.
65. (Currently Amended) A digital motion picture recorder, comprising:  
a housing sized to be portable for use by an individual;  
a motion picture camera mounted in the housing and providing a sequence of digital still images as an output;  
a digital, computer-readable and writable random-access medium mounted in the housing and connected to receive and store the sequence sequences of digital still images in data files in a computer-readable file format;  
a motion picture editing system within the housing for enabling configured to enable the individual to specify a sequence of segments of the sequence of digital still images stored on the digital, computer-readable and writable random-access medium, wherein the motion picture editing system enables the individual:  
a. to select a plurality of data files from among the data files,

b. to define a segment from each of the selected data files, wherein each segment is defined by a reference to [[a]] the selected data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image, and

c. to order the defined segments into the sequence of segments; and

playback circuitry, within the housing, having an input for reading, according to the specified sequence of segments, at least a portion of the sequences of digital still images stored on the digital, computer-readable and writable random-access medium and an output providing a motion video signal therefrom, ~~according to the specified sequence of segments~~.

66. (Currently Amended) An apparatus for digitally recording motion pictures, comprising:

a housing sized to be portable for use by an individual;

a motion picture camera mounted in the housing and providing a sequence of digital still images;

a digital computer-readable and writable random-access medium mounted in the housing and connected to receive and store ~~the sequence~~ sequences of digital still images in a computer-readable file format; and

a processor mounted in the housing and executing computer program instructions comprising instructions stored in a memory and which instruct the processor to, in response to user input:

receive and store ~~the sequence~~ sequences of digital still images from the motion picture camera into the digital computer-readable and writable random-access medium in data files in the computer-readable file format,

enable the individual to define a sequence of segments of at least the sequences of digital still images stored on the digital computer-readable and writable random-access medium, wherein the processor enables the individual:

- a. to select a plurality of data files from among the data files,
- b. to define a segment from each of the selected data files, wherein each segment is defined by a reference to [[a]] the selected data file storing a selected sequence of digital still images and by points designated in the selected sequence

of digital still images, wherein the points may be designated at any digital still image, and

c. to order the defined segments into the sequence of segments; and

read and output at least a portion of the sequence of digital still images from the digital computer-readable and writable random-access medium according to the defined sequence of segments.

67. (Currently Amended) An apparatus for digitally recording motion pictures, comprising:

a housing sized to be portable for use by an individual;

a motion picture camera mounted in the housing and providing a sequence of digital still images;

a digital computer-readable and writable random-access medium mounted in the housing and connected to receive and store the sequence sequences of digital still images from the motion picture camera in data files in a computer-readable file format; and

an editing system, mounted in the housing, for enabling the individual to define a plurality of segments of at least the sequences of digital still images stored on the digital computer-readable and writable random-access medium, wherein the processor enables the individual: a. to select a plurality of data files from among the data files, b. to define a segment from each of the selected data files, wherein each segment is defined by a reference to a data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image, and c. for enabling the individual to specify and edit a sequence of the defined plurality of segments including defining an order of the defined plurality of segments in the sequence, and for reading and outputting at least a portion of the sequence of digital still images from the digital computer-readable and writable random-access medium according to the defined sequence of segments.